

#6  
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OCT 16 2000

TECH CENTER 1600/2900

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/549,342A DATE: 10/02/2000  
TIME: 17:03:22Input Set : A:\5972USP6.txt  
Output Set: N:\CRF3\10022000\I549342A.raw

ENTERED

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4 <110> APPLICANT: Abbott Laboratories
5   Colpitts, Tracey L.
6   Russell, John C.
8 <120> TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
9   DETECTING DISEASES OF THE REPRODUCTIVE TISSUES
12 <130> FILE REFERENCE: 5972.US.P6
14 <140> CURRENT APPLICATION NUMBER: US 09/549,342A
15 <141> CURRENT FILING DATE: 2000-04-13
17 <150> PRIOR APPLICATION NUMBER: US 09/467,602
18 <151> PRIOR FILING DATE: 1999-12-20
20 <150> PRIOR APPLICATION NUMBER: US 09/215,818
21 <151> PRIOR FILING DATE: 1998-12-18
23 <150> PRIOR APPLICATION NUMBER: US 08/912,276
24 <151> PRIOR FILING DATE: 1997-08-17
26 <150> PRIOR APPLICATION NUMBER: US 08/697,105
27 <151> PRIOR FILING DATE: 1996-08-19
29 <150> PRIOR APPLICATION NUMBER: US 08/912,149
30 <151> PRIOR FILING DATE: 1997-08-15
32 <150> PRIOR APPLICATION NUMBER: US 08/697,106
33 <151> PRIOR FILING DATE: 1996-08-19
35 <160> NUMBER OF SEQ ID NOS: 12
37 <170> SOFTWARE: FastSEQ for Windows Version 4.0
39 <210> SEQ ID NO: 1
40 <211> LENGTH: 482
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 1
45 aaatagccct gggctctgca gctccacagg ctccctgggt ggagtcacaa tcactcattg 60
46 ttgtgtgaaag ctgagctcac agcaaaacaa gccaccatga agctgtcggg gtgtctcctg 120
47 ctgggtcacgc tggccctctg ctgctaccag gccaatgccg agttctgccc agctcttgtt 180
48 tctgagctgt tagacttctt cttcattagt gaacctctgt tcaagttaag tcttgccaaa 240
49 ttgtatgccc ctccggaagc tgttcagacc aagttaggag tgaagagatg cacggatcag 300
50 atgtcccttc agaaacgaag cctcattgag gaagtcctgg tgaaaatatt gaagaaatgt 360
51 agtgtgtgac atgtaaaaac tttcatcctg gtttcactg tctttcaatg acaccctgat 420
52 cttcactgca gaatgtaaag gtttcaacgt cttgctttaa taaatcactt gctctccacg 480
53 tc 482
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 90
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 2
61 Met Lys Leu Ser Val Cys Leu Leu Leu Val Thr Leu Ala Leu Cys Cys
62 1 5 10 15
63 Tyr Gln Ala Asn Ala Glu Phe Cys Pro Ala Leu Val Ser Glu Leu Leu
64 20 25 30
65 Asp Phe Phe Phe Ile Ser Glu Pro Leu Phe Lys Leu Ser Leu Ala Lys
66 35 40 45

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67 Phe Asp Ala Pro Pro Glu Ala Val Ala Ala Lys Leu Gly Val Lys Arg
68      50      55      60
69 Cys Thr Asp Gln Met Ser Leu Gln Lys Arg Ser Leu Ile Ala Glu Val
70 65      70      75      80
71 Leu Val Lys Ile Leu Lys Lys Cys Ser Val
72      85      90
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 95
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 3
81 Met Lys Leu Leu Met Val Leu Met Leu Ala Ala Leu Leu Leu His Cys
82 1      5      10      15
83 Tyr Ala Asp Ser Gly Cys Lys Leu Leu Glu Asp Met Val Glu Lys Thr
84      20      25      30
85 Ile Asn Ser Asp Ile Ser Ile Pro Glu Tyr Lys Glu Leu Gln Glu
86      35      40      45
87 Phe Ile Asp Ser Asp Ala Ala Ala Glu Ala Met Gly Lys Phe Lys Gln
88      50      55      60
89 Cys Phe Leu Asn Gln Ser His Arg Thr Leu Lys Asn Phe Gly Leu Met
90 65      70      75      80
91 Met His Thr Val Tyr Asp Ser Ile Trp Cys Asn Met Lys Ser Asn
92      85      90      95
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 508
97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 4
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102 catgctggcg gccctcctcc tgcactgcta tgcagattct ggctgcaaac tcctggagga 120
103 catggttgaa aagaccatca attccgacat atctatacct gaatacaaa agcttcttca 180
104 agagttcata gacagtgatg ccgctgcaga ggctatgggg aaattcaagc agtgtttctc 240
105 caaccagtca catagaactc tgaaaaactt tggactgatg atgcatacag tgtacgacag 300
106 catttggtgt aatatgaaga gtaattaact ttacccaagg cgtttkgctc agagggctac 360
107 agactatggc cagaactcat ctgttgattg ctagaaacca cttttcttcc ttgtgtgtgc 420
108 tttttatgtg gaaactgcta gacaactgtt gaaacctcaa attcatttcc atttcaataa 480
109 actaactgca aatcactaga aaaaaaaaa 508
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 381
113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 5
117 ggtcgaatcc aaatcactca ttgtgaaagc tgagctcaca gccgaataag ccaccatgag 60
118 gctgtcagtg tgtctcctga tggctctcgt gcccttttgc tgctaccagg cccatgctct 120
119 tgtctgccca gctgttgctt ctgagatcac agtcttctta ttcttaagtg acgctgcggt 180
120 aaacctccaa gttgccaaac ttaatccacc tccagaagct cttgcagcca agttggaagt 240
121 gaagcactgc accgatcaga tatcttttaa ggaacggctc tcattgaaaa agtcctgggt 300
122 ggggaatagtg aaaaaatgtg gtgtgtgaca tgtaaaaatg ctcaacctgg gtttcmaarg 360
123 tcttttcaac ggcaacctga t 381

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125 <210> SEQ ID NO: 6
126 <211> LENGTH: 508
127 <212> TYPE: DNA
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 6
131 gggcaagtgg aaccactggc ttggtggatt ttgctagatt tttctgattt ttaaaactcct 60
132 gaaaaatata ccagataact gtcataaagc tggtaactat cttcctgctg gtgaccatca 120
133 gcctttgtag ttactctgct actgccttcc tcatcaacaa agtgcccctt cctgttgaca 180
134 agttggcacc ttacacctcg gacaacattc ttccctttat ggatccatta aagcttcttc 240
135 tgaaaactct gggcatttct gttgagcacc ttgtggaggg gctaaggaag tgtgtaaatg 300
136 agctgggacc agaggcttct gaagctgtga agaaactgct ggaggcgcta tcacacttgg 360
137 tgtgacatca agataaagag cggagggtgga tggggatgga agatgatgct cctatcctcc 420
138 ctgcctgaaa cctgtttctac caattataga tcaaagtccc taaagtgtag tgaccctgta 480
139 aaaggacaaa taaagcaatg aatacatt
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 93
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 7
147 Met Lys Leu Val Thr Ile Phe Leu Leu Val Thr Ile Ser Leu Cys Ser
148 1 5 10 15
149 Tyr Ser Ala Thr Ala Phe Leu Ile Asn Lys Val Pro Leu Pro Val Asp
150 20 25 30
151 Lys Leu Ala Pro Leu Pro Leu Asp Asn Ile Leu Pro Phe Met Asp Pro
152 35 40 45
153 Leu Lys Leu Leu Lys Thr Leu Gly Ile Ser Val Glu His Leu Val
154 50 55 60
155 Glu Gly Leu Arg Lys Cys Val Asn Glu Leu Gly Pro Glu Ala Ser Glu
156 65 70 75 80
157 Ala Val Lys Lys Leu Leu Glu Ala Leu Ser His Leu Val
158 85 90
161 <210> SEQ ID NO: 8
162 <211> LENGTH: 562
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
166 <220> FEATURE:
167 <221> NAME/KEY: misc_feature
168 <222> LOCATION: (17)...(17)
169 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other at
170 position 17
172 <400> SEQUENCE: 8
W--> 173 gcagggtttt ctcaggngcg cgggcgaggg cggcgctgga ggggcgagga ccgggtataa 60
174 gaagcctcgt ggccttgccc gggcagccgc aggttccccg cgcgccccga gccccgcgc 120
175 catgaagctc gccgcccctc tggggctctg cgtggccctg tcctgcagct ccgctgytgc 180
176 tttcttagtg ggctcggcca agcctgtggc ccagcctgtc gctgcgctgg agtcggcggc 240
177 ggaggccggg gccgggaccc tggccaaccc cctcggcacc ctcaaccgcg tgaagctcct 300
178 gctgagcagc ctgggcatcc ccgtgaacca cctcatagag ggctcccaga agtgtgtggc 360
179 tgagctgggt ccccaggccg tgggggcccgt gaaggccctg aaggccctgc tgggggccct 420
180 gacagtgttt ggctgagccg agactggagc atctacacct gaggacaaga cgctgcccac 480

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181 ccgcgagggc tgaaaacccc gccgcgggga ggaccgtcca tccccctccc ccggccccc 540
182 tcaataaacg tggttaagag ca 562
184 <210> SEQ ID NO: 9
185 <211> LENGTH: 104
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
189 <400> SEQUENCE: 9
190 Met Lys Leu Ala Ala Leu Leu Gly Leu Cys Val Ala Leu Ser Cys Ser
191 1 5 10 15
192 Ser Ala Val Ala Phe Leu Val Gly Ser Ala Lys Pro Val Ala Gln Pro
193 20 25 30
194 Val Ala Ala Leu Glu Ser Ala Ala Glu Ala Gly Ala Gly Thr Leu Ala
195 35 40 45
196 Asn Pro Leu Gly Thr Leu Asn Pro Leu Lys Leu Leu Ser Ser Leu
197 50 55 60
198 Gly Ile Pro Val Asn His Leu Ile Glu Gly Ser Gln Lys Cys Val Ala
199 65 70 75 80
200 Glu Leu Gly Pro Gln Ala Val Gly Ala Val Lys Ala Leu Lys Ala Leu
201 85 90 95
202 Leu Gly Ala Leu Thr Val Phe Gly
203 100
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 90
208 <212> TYPE: PRT
209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 10
212 Met Arg Leu Ser Val Cys Leu Leu Met Val Ser Leu Ala Leu Cys Cys
213 1 5 10 15
214 Tyr Gln Ala His Ala Leu Val Cys Pro Ala Val Ala Ser Glu Ile Thr
215 20 25 30
216 Val Phe Leu Phe Leu Ser Asp Ala Ala Val Asn Leu Gln Val Ala Lys
217 35 40 45
218 Leu Asn Pro Pro Pro Glu Ala Leu Ala Ala Lys Leu Glu Val Lys His
219 50 55 60
220 Cys Thr Asp Gln Ile Ser Phe Lys Glu Arg Leu Ser Leu Lys Lys Ser
221 65 70 75 80
222 Trp Val Gly Ile Val Lys Lys Cys Gly Val
223 85 90
226 <210> SEQ ID NO: 11
227 <211> LENGTH: 68
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Restriction site
235 <400> SEQUENCE: 11
236 agctcggaat tccgagcttg gatacctctag agcgcccgcc gactagttag ctcgtcgacc 60
237 cggaatt 68
239 <210> SEQ ID NO: 12
240 <211> LENGTH: 68

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L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8